PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-107082

(43)Date of publication of application : 21.04.1995

(51)Int.Cl.	H04L 9/00
	H04L 9/10
	H04L 9/12

(21)Application number : 05-250850

(22)Date of filing : 06.10.1993

(71)Applicant : NIPPON TELEGR & TELEPH CORP <NTT>

(72)Inventor : YAMAGUCHI TOSHIKAZU

(54) CIPHER GATEWAY DEVICE

(57)Abstract:

PURPOSE: To provide a cipher communication system at a low cost by receiving the information of packets or the like communicated between terminals and transmitting ciphered, deciphered or nonciphered information corresponding to the transmission origin and transmission destination of the information.

CONSTITUTION: A reception means 13 receives reception information from a transmission terminal. On the other hand, a transmission means 17 ciphers or deciphers the reception information and transmits the information to a reception terminal. A session key table 11 holds the set of session keys tor ciphering or deciphering and the identification information of the transmission terminal- and the reception terminal, a table management means 12 registers the identification information of the transmission terminal and the reception terminal and the session keys in the table 11 and a reception information analysis means 14 extracts the identification information of the transmission and reception terminals and a message from the reception information. A session key retrieval means 15 retrieves the pertinent session key, a ciphering and deciphering means 16 ciphers or deciphers the message and then, the transmission means 17 transmits the message as it is when the pertinent session key by the retrieval means 15 is not present.
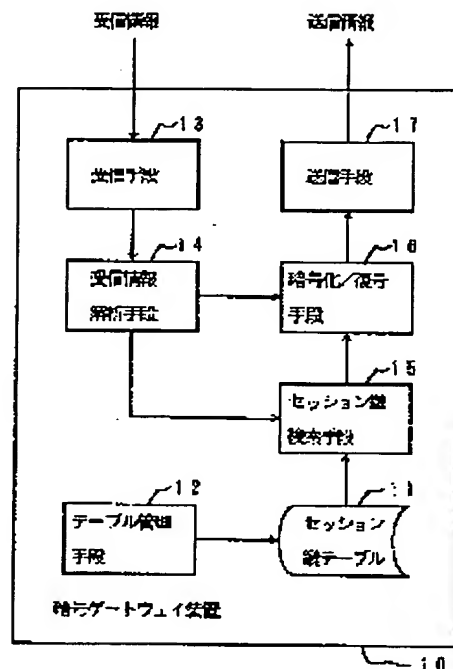
LEGAL STATUS

[Date of request for examination] 23.10.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3263877

[Date of registration] 28.12.2001